

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	517427-2007.1
First Inventor	Loewy et al
Title	MACROMOLECULAR PROTECTION ASSAY
Express Mail Label No.	EV 142960995 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 64]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross References to Related Applications  
- Statement Regarding Fed Sponsored R & D  
- Reference to sequence listing, a table, or a computer program listing appendix.  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s) [Total Pages 22]  
- Abstract of the Disclosure [Total Pages 1]

4.  Drawing(s)(35 U.S.C. 113) [Total Sheets 2]

5. Oath or Declaration [Total Pages \_\_\_\_]  
a.  Newly executed (original or copy) (UNSIGNED)  
b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)  
i.  DELETION OF INVENTOR(S)  
Signed statement attaching deleted inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76.

7.  CD-ROM or CD-R in duplicate, large table  
or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a.  Computer Readable Form (CFR)  
b.  Specification sequence Listing on:  
i.  CD-ROM or CD-R (2 copies); or  
ii.  paper  
c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & documents(s))

10.  37 CFR 3.73(b) Statement  Power of  
(when there is an assignee)  Attorney  
 Power of Attorney

11.  English Translation Document (if applicable)

12.  Information Disclosure  Copies of IDS  
Statement (IDS)/PTO-1449 Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Request and Certification under 35 U.S.C. 122(b)(2)(B)(i).  
Applicant must attach from PTO/SB/35 or its equivalent.

17.  Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_ / \_\_\_\_\_  
Prior application information: Examiner: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number	20999		<input type="checkbox"/> Correspondence address below
Name	William F. Lawrence		
Address	745 Fifth Avenue		
City	New York	State	New York
Country	United States of America	Telephone	212-588-0800
Name (Print/Type)	William F. Lawrence	Registration No. (Attorney/Agent)	28,029
Signature			Date
			July 25, 2003

07/25/03  
1304 P. U. S. PTO

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# FEE TRANSMITTAL

## for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

## TOTAL AMOUNT OF PAYMENT

(\$1304.00)

Complete if Known	
Application Number	To Be Assigned
Filing Date	Concurrent Herewith
First Named Inventor	Loewy et al
Examiner Name	To Be Assigned
Attorney Docket No.	51742-2007.1

METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)				
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 50-0320 Deposit Account Name: Frommer Lawrence & Haug LLP					<b>3. ADDITIONAL FEES</b> Large Entity      Small Entity Fee Code   Fee \$      Fee Code   Fee \$      Fee Description 1051 130 2051 65 SurchARGE - late filing fee or oath 1052 50 2052 25 SurchARGE - late provisional filing fee or Cover sheet 1053 130 1053 130 Non-English specification 1812 2,520 1612 2,520 For filing a request for ex parte reexamination 1804 920* 1804 920* Requesting publication of SIR prior to Examiner action  1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action 1251 110 2251 55 Extension for reply within first month 1252 410 2252 205 Extension for reply within second month 1253 930 2253 465 Extension for reply within third month 1254 1450 2254 725 Extension for reply within fourth month 1255 1970 2255 985 Extension for reply within fifth month 1401 320 2401 160 Notice of Appeal 1402 320 2402 160 Filing a brief in support of an appeal 1403 280 2403 140 Request for oral hearing 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable 1453 1300 2453 650 Petition to revive - intentional 1501 1300 2501 650 Utility issue fee (or reissue) 1502 470 2502 235 Design issue fee 1503 630 2503 315 Plant issue fee 1460 130 1460 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(q)  1806 180 1806 180 Submission of information Disclosure Stmt 8021 40 8021 40 Recording each patent assignment per property (times number of properties) 1809 750 2509 375 Filing a submission after final rejection (37 CFR 1.125(e)) 1810 750 2810 375 For each claim in an invention to be examined (37 CFR 1.129(b)) 1801 750 2801 375 Request for continued examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)				
Large Entity      Small Entity Fee Code   Fee \$      Fee Code   Fee \$      Fee Description 1001 750 2001 375 Utility filing fee 1002 330 2002 165 Design filing fee 1003 520 2003 260 Plant filing fee 1004 750 2004 375 Reissue filing fee 1005 160 2005 60 Provisional filing fee  SUBTOTAL (1) (\$1304.00)					Fee Paid  750.00  18.00 = 2376 84.00 = 166				
<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b> Total Claims: 152      -20% = 132      -3% = 12      Extra Claims: 132 X 18.00 = 2376 Independent Claims: 5      X = 84.00 = 166 Multiple Dependent: X  Large Entity      Small Entity Fee Code   Fee \$      Fee Code   Fee \$      Fee Description 1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3  1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 ** Reissue independent claim over original patent 1205 18 2205 9 Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) \$2344.00					Fee from below      Fee Paid  18.00 = 2376 84.00 = 166				
** or number previously paid, if greater. For Reissues, see above					SUBTOTAL (3) (\$0.00)				
* Reduced by Basic Filing Fee									
SUBMITTED BY									
Name (Print/Type)		William F. Lawrence		Registration No.		28,029		Telephone	
Signature				Attorney/Agent				(212) 588-0800	
								Date	
								July 25, 2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Please credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is given by 35 U.S.C. 123 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comment on the amount of time you require to complete this form should be sent to the Chief Financial Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEE PTO FORM 1464, "Patent Application/Commissioner for Plaintiff," P.O. Box 1450, Alexandria, VA 22314-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-766-9199) and select option 2.

**CERTIFICATE OF MAILING - SEPARATE PAPER**

Attorney Docket No.: 517427-2007.1

Title : **MACROMOLECULAR PROTECTION ASSAY**

Filed : Herewith

Applicants : 1) Zvi Loewy, 4-50 Lyncrest Avenue, Fair Lawn, NJ 07410  
2) Wayne Chaung, 16 Farrel Street, New Hyde Park NY 11040  
3) Raveendran Pottathil, 8806 Cliffridge Avenue, La Jolla, CA 92037

Mailed: **July 25, 2003** via "Express Mail Label # EV 142960995 US

I hereby certify that the Patent Application for the above-referenced application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to:

**MAIL STOP PATENT APPLICATION**

**Assistant Commissioner for Patents**

**P.O. Box 1450**

**Alexandria, VA 22313-1450**

Isolande Dupoux  
(Type/printed name of person mailing paper or fee)

  
Signature